



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 157441

TO: Terra Gibbs
Location: REM/2D10/2C18
Art Unit: 1635
Wednesday, June 29, 2005
Case Serial Number: 09/918026

From: Barb O'Bryen
Location: Biotech-Chem Library
Remsen 1a69
Phone: 571-272-2518

barbara.obryen@uspto.gov

Search Notes

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 29, 2005, 14:19:15 ; Search time 2 Seconds
(without alignments)
3.201 Million cell updates/sec

Title: US-09-918-026-33 COPY
Perfect score: 1569
Sequence: 1 atggagccaggggggcccg.....cttggtcctgccatacctag 1569

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 1 seqs, 2040 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : af059203.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1564.2	99.7	2040	1	af059203
2	27.4	1.7	2040	1	af059203

ALIGNMENTS

RESULT 1
af059203
TOIG of: af059203 check: 876 from: 1 to: 2040

LOCUS AF059203 2040 bp mRNA linear PRI 15-OCT-1998
DEFINITION Homo sapiens acyl coenzyme A:cholesterol acyltransferase 2 mRNA,
complete cds.
ACCESSION AF059203
VERSION AF059203.1 GI:3746534
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2040)
AUTHORS Oelkers,P., Behari,A., Cromley,D., Billheimer,J.T. and Sturley,S.L.
TITLE Characterization of two human genes encoding acyl coenzyme
A:cholesterol acyltransferase-related enzymes
J. Biol. Chem. 273 (41), 26765-26771 (1998)
MEDLINE 98434592
PUBMED 9756920
REFERENCE 2 (bases 1 to 2040)
AUTHORS Oelkers,P., Cromley,D., Behari,A., Billheimer,J.T. and Sturley,S.L.
TITLE Direct Submission
JOURNAL Submitted (13-APR-1998) Human Nutrition, Columbia University, 630
W. 168th Street, New York, NY 10032, USA

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Best Local Similarity	99.8%; Pred. No. 0;
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DB	
112	GAGCGCAACCTCTGTGAGATGGAACACTGAGACGACAGAGCCCGCGACTTGGTACAA 171
QY	121 TGGACCCGACACATGAGGCTGTGAAGGCAATCTGAGGACAGGCGGAGGACACTG 180
DB	
172	TGACCCGACACATGAGGCTGTGAAGGCAATCTGAGGACAGGCGGAGGACACTG 231
QY	181 AGGAGCTGTGGATCGGCGCATGCGGGAGGCTATACATCTTACCATCACAAGACAA 240
DB	
232	AGGAGCTGTGGATCGGCGCATGCGGGAGGCTATACATCTTACCATCACAAGACAA 291
QY	241 CCTCTGCGCCACCTCCCGAGGTTCTTTGAGCAGGACCCAGAGCCATCCCTGGGGAAA 300
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292	CCTCTGCGCCACCTCCCGAGGTTCTTTGAGCAGGACCCAGAGCCATCCCTGGGGAAA 351
QY	301 CAGAAAGTTTTCATCATCGCAAGTCCCTGTTGATGAGCTGATGAGGTCGACATTC 360
DB	
352	CAGAAAGTTTTCATCATCGCAAGTCCCTGTTGATGAGCTGATGAGGTCGACATTC 411
QY	361 CGCACCATTACACATGTTTCATCGCTGGCGCTGTGTCTTTCATCATCAGCACCTGGCC 420
DB	
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472	ATGCACTTATTCATGAGGCGAGGCTGCTGCTGAGTTTGACCTACTGATCTTCAGTTC 531
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[illegible]

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RESULT 2
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; TOIG of: af059203 check: 876 from: 1 to: 2040
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; LOCUS AF059203 2040 bp mRNA linear PRI 15-OCT-1998

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; DEFINITION Homo sapiens acyl coenzyme A:cholesterol acyltransferase 2 mRNA,
; complete cds.
;
; ACCESSION AF059203
; VERSION AF059203.1 GI:3746534
; KEYWORDS
; SOURCE
; ORGANISM
; Homo sapiens (human)
; Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
;
; REFERENCE
; 1 (bases 1 to 2040)
; Oelkers,P., Behari,A., Cromley,D., Billheimer,J.T. and Sturley,S.L.
; Characterization of two human genes encoding acyl coenzyme
; A:cholesterol acyltransferase-related enzymes
; J. Biol. Chem. 273 (41), 26765-26771 (1998)
;
; JOURNAL
; MEDLINE
; PUBMED
; 98434592
; 9756920
;
; REFERENCE
; 2 (bases 1 to 2040)
; Oelkers,P., Cromley,D., Behari,A., Billheimer,J.T. and Sturley,S.L.
; Direct Submission
; TITLE
; Submitted (13-APR-1998) Human Nutrition, Columbia University, 630
; W. 168th Street, New York, NY 10032, USA
; JOURNAL
; FEATURES
; Location/Qualifiers
; ..2040
; /organism="Homo sapiens"
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; DB 694 GCAGCGCGAGAGCACACGCGCGTGTGGCGGCTAGCAGCGCACAGGCCCGCGTGCCT 635
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